

Environmental & Regulatory Services Division
Bureau of Storage Tank Regulation
201 West Washington Avenue
P.O. Box 7837
Madison, WI 53707-7837

Wisconsin COMM 10 Material Approval

Equipment: Dual Wall Secondary Containment Tank

Manufacturer: TMC Incorporated
937 14th Avenue
Poskin, WI 54812

Expiration of Approval: December 31, 2006

SCOPE OF EVALUATION

TMC's dual wall secondary containment tank for flammable or combustible liquids was evaluated for use as a secondary containment aboveground tank for flammable liquids, with or without supports, in accordance with sections **Comm 10.345 (1)** and **10.415 (7)(b)** under the Wisconsin Administrative Flammable and Combustible Liquids Code. They were also evaluated for conformance with the listing requirements of section **Comm 10.355**. This is a renewal (with no changes) of a previously approved Material Approval.

This Material Approval does not address tanks mounted on trailers for temporary or portable use.

This approval has been based upon Commerce evaluation of information submitted by the manufacture, including UL authorization. Specific tank or manufacturer design data is considered confidential. Specific technical information relating to evaluating or qualifying the technical and engineering information submitted should be made to the manufacturer or submitter.

This evaluation summary is condensed to provide the specific installation, application and operation parameters necessary to maintain the subject systems in compliance with the Wisconsin Administrative Code – Comm 10.

DESCRIPTION AND USE

These tanks are listed (**UL 142**) tanks for the aboveground storage of flammable or combustible liquids. They are contained within a steel secondary containment shell which forms the interstitial space. The horizontal cylindrical tanks may be provided with integrally welded steel supports which conform to the UL approved design.

TESTS AND RESULTS

The inner tank, secondary containment and integrally welded supports have been tested and listed by UL in accordance with **UL Standard 142**.

LIMITATIONS / CONDITIONS OF APPROVAL

- The double wall tanks are approved for compliance with the secondary containment requirements of **ss. Comm 10.345 (1)** and **10.415 (7)(b)** and may be used without a dike, except in the case of public-access waste oil collection. Tanks for public-access waste oil collection shall be provided with a dike in accordance with **s. Comm 10.33**.
- All tanks will display the **UL 142** label.
- Tanks up to 10,000 gallons may be used for vehicle fueling in accordance with **s. Comm 10.415**.
- All tanks, regardless of capacity, shall meet the projectile protection requirement of **s. Comm 10.415 (7)(b)**.
- Double wall tanks with lesser wall thickness may be used inside a building without a dike subject to the requirements of **ss. Comm 10.335, and 10.47**.
- The interstitial space shall be monitored for leaks. The monitor must be capable of detecting a leak from anywhere in the inner tank.
- Compartmentalized tanks shall be constructed with a double bulkhead in accordance with **UL Standard 142**. This interstitial space between compartments shall be monitored for leaks.
- A spill container shall be provided at the fill opening in accordance with **s. Comm 10.415 (12)(a)**.
- Separate vehicle collision protection shall be provided by a barrier that meets the design requirements specified in **s. Comm 10.415 (8)(a)**.

- No attachments shall be made to the tank which violate or void the UL listing.
- The tank shall be installed to allow full visual inspection of the secondary containment system.
- An aboveground storage tank installer certified by the department in accordance with **Comm 5.84** shall supervise the installation.

This approval will be valid through December 31, 2006, unless manufacturing modifications are made to the product or a re-examination is deemed necessary by the department. The Wisconsin Material Approval Number must be provided when plans that include this product are submitted for review.

DISCLAIMER

The Department is in no way endorsing or advertising this product. This approval addresses only the specified applications for the product and does not waive any code requirement unless specified in this document.

Reviewed by: _____
Greg Bareta
Engineering Consultant
Bureau of Storage Tank Regulation

Approved by: _____ Date: _____